

CLAIM AMENDMENTS

Please amend the claims as indicated below:

1 (currently amended) Metering module (1) for a pasty products ~~of the type containing a comprising a~~ tank (2) ~~of the pasty product~~, equipped with means of for pushing the pasty product and a means of for opening and ~~closure, adapted to open and close~~ closing an outlet (3) of said tank, wherein ~~characterized by the fact that the~~ tank is a hollow prism and the means of for pushing consists of a vertical piston (4) that tightly fits in the interior of the tank, coaxial ~~to it~~ thereto, the means of for opening and closing consisting of a lower metering valve (5), whose valve body (6) contains an internal space (7) with a vertical axis (8) communicating with the tank, ~~the~~ with a sealing element (12) of the valve being a closure head (9); and ~~movable~~ between a maximum opening position and a closure position, and ~~that the wherein, a~~ larger base (11) of the sealing element ~~device~~ is essentially flush with ~~the~~ an outlet (31) of the valve, thereby closing the tank.

2 (currently amended) Metering module (1) for a pasty products according to Claim 1, characterized by the fact that said sealing element (12) is integral with an operating rod (13) that moves through the interior of said ~~cylindrical~~ internal space (7) of the valve body (6) and is, in turn, operated by a tappet (14) against the action of a spring (10).

3 (currently amended) Metering module (1) for pasty products according to Claim 1, characterized by the fact that said closure head (9) is in the form of a truncated cone.

4 (currently amended) Metering module (1) for a pasty products according to ~~any of the preceding claims~~ claim 1, characterized by the fact that the tank (2) is cylindrical.

5 (currently amended) Metering module (1) for a pasty products according to Claim 1 ~~any of the preceding claims, characterized by the fact that it contains further~~ including means for purging air occluded in the interior of said tank (2) beneath said piston (4).

6 (currently amended) Metering module (1) for a pasty products according to ~~any of the preceding claims~~ Claim 1, ~~characterized by the fact that it contains further~~ including means for ~~injection of~~ injecting air into the interior of said tank (2), and adapted to separate the piston (4) from the bottom of the tank or from the pasty product ~~in it~~ therewithin.

7 (currently amended) Metering module (1) for a pasty products according to Claim 1, ~~further including~~ characterized by the fact that it contains means ~~of~~ for opening ~~(37, 38)~~ of a container (36) of the pasty product situated inside said tank (2).

8 (currently amended) Metering module (1) for a pasty products according to Claim 7, ~~characterized by the fact that~~ wherein said means ~~of~~ for opening consists of a blade (37), whose cutting edge (38) is situated on the edge of a cylinder that at least partially encloses the ~~output (3)~~ outlet of said tank.

9. (currently amended) Mixing system (100) for pasty products, ~~characterized by the fact that it contains~~ comprising at least one metering module (1) according to ~~any of the preceding claims~~ claim 1.

10 (currently amended) Mixing system (100) for pasty products according to Claim 9, ~~characterized by the fact that it contains~~ comprising at least two metering modules (1) ~~according to the preceding claims~~ claim 1 arranged adjacent to each other along a first horizontal plane, with their corresponding metering valves (5) essentially aligned, and a receiving vessel (15) movable on a ~~means of guiding~~ guide (16), the

vessel being adapted to be stopped beneath each module and to receive a dose of pasty product contained in the module in order to produce ~~the~~ a mixture of pasty products.

11 (currently amended) Mixing system (400) for pasty products according to Claim 9 ~~or Claim 10, characterized by the fact that it contains~~ further comprising means ~~to control~~ for controlling movement of the receiving vessel (15) and metering of the pasty product corresponding to each metering module (1), ~~which must be so that said pasty product is introduced to the vessel as a function of predetermined mixture parameters.~~

12 (currently amended) Mixing system (400) for a pasty products according to Claim 11, ~~characterized by the fact that wherein~~ said means ~~of~~ for controlling control contains a microprocessor, a computer and/or programmable automatic device, provided with software ~~suitable for this purpose~~, and ~~conventional~~ means ~~of~~ for interfacing with the user; and which also operates on drive and timing devices of the vessel and on the metering valves (5) of each of the metering modules (1).

13 (currently amended) Process for metering of a pasty products, to be applied in conjunction with a metering module according to ~~any of the Claims 1 to 8 claim 1, or with a mixing system according to any of the Claims 9 to 12;~~ characterized by the fact that it said process contains the ~~stage~~ steps of placing ~~a~~ said pasty product (34) in a container (36) with deformable walls, ~~and the steps of: introduction of~~ introducing the ~~closed and full~~ container of the pasty products to the interior of the tank (2); lowering of the piston (4), compressing the container (36) for deformation of its walls against the inside walls of the tank; and opening of the container ~~by a means of opening that to~~ produce an opening (39) in the container contiguous with the ~~tank output outlet~~ (3) in order; to cause the pasty product contained in the container to enter the metering valve (5); under the compressive effects ~~s~~ of the piston (4).